VÃ©ronique Maupoil

List of Publications by Year
in descending order

42 papers	941 citations	331670 21 h-index	454955 30 g-index
42 all docs	42 docs citations	42 times ranked	1039 citing authors

#	Article	IF	Citations
1	Influence of the Severity of Myocardial Ischemia on the Intensity of Ascorbyl Free Radical Release and on Postischemic Recovery during Reperfusion. Free Radical Biology and Medicine, 1998, 24, 470-479.	2.9	64
2	Antioxidant properties of aminoguanidine. Fundamental and Clinical Pharmacology, 1999, 13, 535-540.	1.9	63
3	Direct evidence of caeruloplasmin antioxidant properties. Molecular and Cellular Biochemistry, 1998, 189, 127-135.	3.1	62
4	Identification and quantification of free radicals during myocardial ischemia and reperfusion using electron paramagnetic resonance spectroscopy. Archives of Biochemistry and Biophysics, 2003, 420, 209-216.	3.0	59
5	Effects of exhaustive exercise and vitamin b6 deficiency on free radical oxidative process in male trained rats. Free Radical Biology and Medicine, 1996, 21, 541-549.	2.9	49
6	Rat vitamin E status and heart lipid peroxidation: Effect of dietary Î±-Linolenic acid and marine nâˆ’3 fatty acids. Lipids, 1993, 28, 651-655.	1.7	45
7	Catecholaminergic automatic activity in the rat pulmonary vein: electrophysiological differences between cardiac muscle in the left atrium and pulmonary vein. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H102-H108.	3.2	41
8	Automatic quantitative analysis of t-tubule organization in cardiac myocytes using ImageJ. American Journal of Physiology - Cell Physiology, 2015, 308, C237-C245.	4.6	37
9	Early incidence of adriamycin treatment on cardiac parameters in the rat. Canadian Journal of Physiology and Pharmacology, 1994, 72, 140-145.	1.4	33
10	Metallothionein induction in the liver, kidney, heart and aorta of cadmium and isoproterenol treated rats. Journal of Applied Toxicology, 2006, 26, 47-55.	2.8	29
11	Antioxidant properties of indapamide, 5-OH indapamide and hydrochlorothiazide evaluated by oxygen-radical absorbing capacity and electron paramagnetic resonance. Molecular and Cellular Biochemistry, 1998, 178, 151-155.	3.1	26
12	Electronic Spin Resonance Detection of Superoxide and Hydroxyl Radicals During the Reductive Metabolism of Drugs by Rat Brain Preparations and Isolated Cerebral Microvessels. Free Radical Biology and Medicine, 1998, 24, 1074-1081.	2.9	26
13	An Î±-tocopherol analogue with antioxydant activity improves myocardial function during ischemia reperfusion in isolated working rat hearts. Free Radical Biology and Medicine, 1993, 15, 209-215.	2.9	25
14	Electron Spin Resonance Detection of Nitric Oxide Generation in Major Organs from LPS-Treated Rats. Journal of Cardiovascular Pharmacology, 1999, 33, 78-85.	1.9	25
15	In vitro studies of interactions of NO. donor drugs with superoxide and hydroxyl radicals. Molecular and Cellular Biochemistry, 1997, 177, 193-200.	3.1	24
16	Demonstration of the Production of Oxygen-Centered Free Radicals During Electrolysis Using E.S.R. Spin-Trapping Techniques: Effects on Cardiac Function in the Isolated Rat Heart. Free Radical Biology and Medicine, 1998, 24, 573-579.	2.9	24
17	Oxidative injury of isolated cardiomyocytes: dependence on free radical species. Free Radical Biology and Medicine, 2000, 29, 846-857.	2.9	24
18	Isolated perfused rat hearts release secondary free radicals during ischemia reperfusion injury: Cardiovascular effects of the spin trap Î±-phenylN-tert-butylnitrone. Free Radical Research, 2001, 35, 475-489.	3.3	23

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19	Alterations of myocardial and vascular adrenergic receptor-mediated responses in Escherichia coli-induced septic shock in the rat. Critical Care Medicine, 1996, 24, 1373-1380.	0.9	22
20	Levels of Nitric Oxide in the Heart After Experimental Myocardial Ischemia. Journal of Cardiovascular Pharmacology, 2001, 37, 55-63.	1.9	21
21	Effect of a methionine-supplemented diet on the blood pressure of Wistarâ€“Kyoto and spontaneously hypertensive rats. British Journal of Nutrition, 2003, 89, 539-548.	2.3	21
22	A TTXâ€Sensitive Resting Na⁺ Permeability Contributes to the Catecholaminergic Automatic Activity in Rat Pulmonary Vein. Journal of Cardiovascular Electrophysiology, 2015, 26, 311-319.	1.7	20
23	Myocardial and vascular adrenergic alterations in a rat model of endotoxin shock. Critical Care Medicine, 1997, 25, 504-511.	0.9	20
24	Alterations of Lipoprotein Fluidity by Non-Esterified Fatty Acids Known to Affect Cholesteryl Ester Transfer Protein Activity. An Electron Spin Resonance Study. FEBS Journal, 1996, 236, 436-442.	0.2	18
25	Correlation Between Direct ESR Spectroscopic Measurements and Electromechanical and Biochemical Assessments of Exogenous Free Radical Injury in Isolated Rat Cardiac Myocytes. Free Radical Biology and Medicine, 1998, 24, 121-131.	2.9	16
26	Atrial and Vascular Oxidative Stress in Patients with Heart Failure. Cellular Physiology and Biochemistry, 2011, 27, 497-502.	1.6	15
27	Effect of a methionine-supplemented diet on the blood pressure of Sprague–Dawley and deoxycorticosterone acetate–salt hypertensive rats. British Journal of Nutrition, 2004, 91, 857-865.	2.3	14
28	Direct demonstration of nitric oxide formation in organs of rabbits treated by transdermal glyceryl trinitrate using an in vivo spin trapping technique. Fundamental and Clinical Pharmacology, 2003, 17, 709-715.	1.9	10
29	Evidence for the Extrapulmonary Localization of Inhaled Nitric Oxide. Heart Disease (Hagerstown, Md) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	9
30	Contractile and relaxant properties of rat-isolated pulmonary veins related to localization and histology. Fundamental and Clinical Pharmacology, 2007, 21, 55-65.	1.9	9
31	Regional Heterogeneity of Decreased Myocardial Norepinephrine and Increased Lipid Peroxidation Levels in Patients With End-stage Failing Heart Secondary to Dilated or Ischemic Cardiomyopathy. Journal of Heart and Lung Transplantation, 2008, 27, 767-774.	0.6	8
32	An Increased Regional Blood Flow Precedes Mesenteric Inflammation in Rats Treated by a Phosphodiesterase 4 Inhibitor. Toxicological Sciences, 2009, 107, 298-305.	3.1	8
33	Beneficial Actions of Preconditioning and Stretch on Postischemic Contractile Function of Isolated Working Rat Heart: Effects of Staurosporine. Journal of Cardiovascular Pharmacology, 1997, 30, 191-196.	1.9	8
34	Intrarenal Detection of Nitric Oxide Using Electron Spin Resonance Spectroscopy in Hypertensive Lipopolysaccharide-Treated Rats. Journal of Cardiovascular Pharmacology, 2002, 40, 9-17.	1.9	7
35	Aqueous Fraction from Hibiscus sabdariffa Relaxes Mesenteric Arteries of Normotensive and Hypertensive Rats through Calcium Current Reduction and Possibly Potassium Channels Modulation. Nutrients, 2020, 12, 1782.	4.1	7
36	Spiky: An ImageJ Plugin for Data Analysis of Functional Cardiac and Cardiomyocyte Studies. Journal of Imaging, 2022, 8, 95.	3.0	7

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37	Nitric oxide inhibits proliferation but increases life-span of T lymphocytes in tumour-bearing rats. Cancer Immunology, Immunotherapy, 1998, 46, 160-166.	4.2	6
38	Increase in Antilipoperoxidant Activity of Plasma as a Consequence of an Inflammatory Reaction Induced by Subcutaneous Turpentine in the Rabbit. Free Radical Research, 1995, 23, 245-254.	3.3	5
39	Effects of cadmium on cardiac metallothionein induction and ischemiaâ€“reperfusion injury in rats. Canadian Journal of Physiology and Pharmacology, 2009, 87, 617-623.	1.4	4
40	Automatic Activity Arising in Cardiac Muscle Sleeves of the Pulmonary Vein. Biomolecules, 2022, 12, 23.	4.0	4
41	Selective inhibition of electrical conduction within the pulmonary veins by Î±1-adrenergic receptors activation in the Rat. Scientific Reports, 2020, 10, 5390.	3.3	3
42	Regional blood flow changes induced by a phosphodiesterase 4 inhibitor in rats. Toxicology Letters, 2006, 164, S308.	0.8	0